



*Solving Problems where
People and Nature Intersect*

*Where some see
conflict*

We see compatibility



PEOPLE

NATURE



GREEN SOLUTION PROJECT

GREEN SOLUTION

**Transforming our Water Runoff Problem
into a Sustainable Source of Clean Water**





GREEN SOLUTION PROJECT

Green Solution goes Statewide!

Passage of SB 985 (Payley) Linked to \$200 million in Prop. 1 Sponsored by CCS





GREEN SOLUTION PROJECT

Stormwater Runoff in L.A. River





GREEN SOLUTION PROJECT

Stormwater Runoff as Opportunity





CCS' Green Solution Approach:

**Transforming Runoff into
Sustainable Water Supplies
&
Multiple Public Benefits**



Example of Green Solution Project

Tujunga Wash Greenway

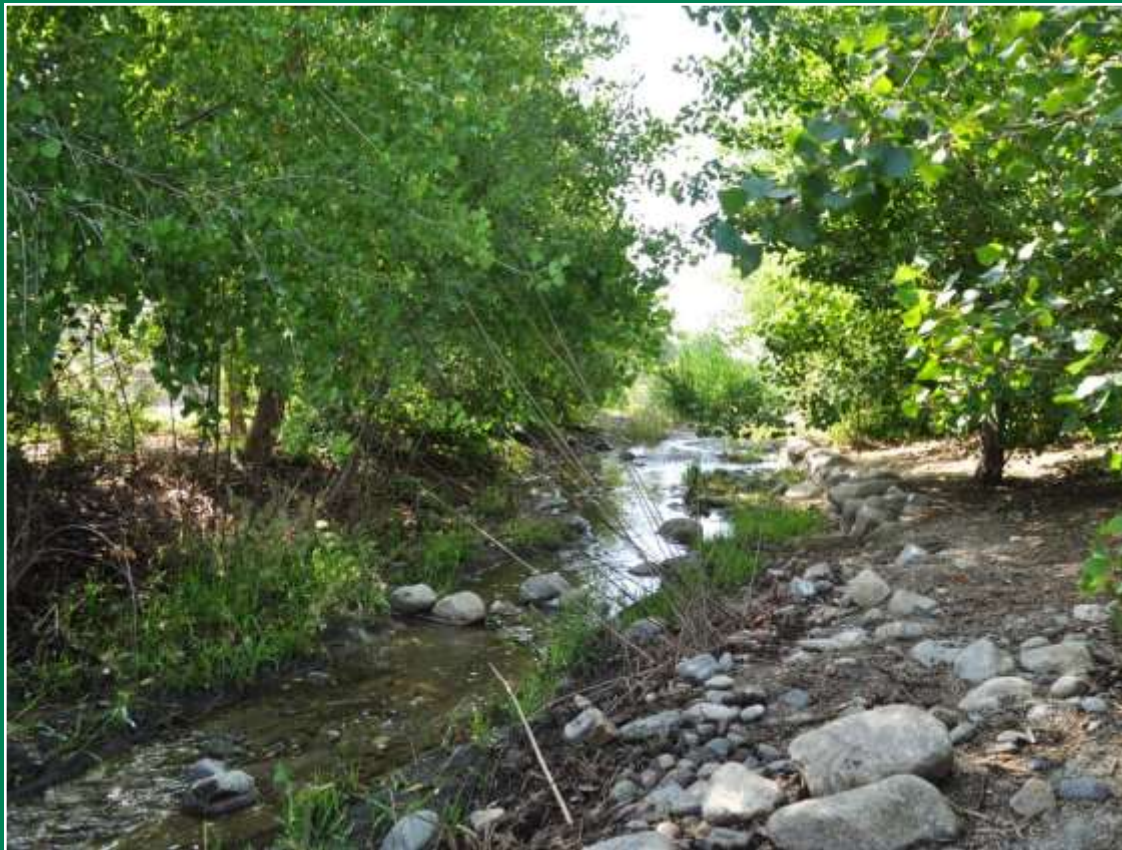




GREEN SOLUTION PROJECT

Example of Green Solution Project

Tujunga Wash Greenway





Example of Green Solution Project

South LA Wetlands Park





GREEN SOLUTION PROJECT

Example of Green Solution Project

South LA Wetlands Park





GREEN SOLUTION PROJECT

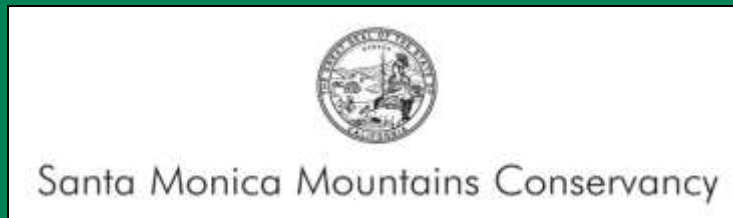
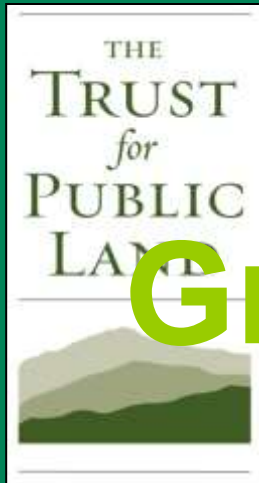
Green Solution Project Funders

Over \$2 Million



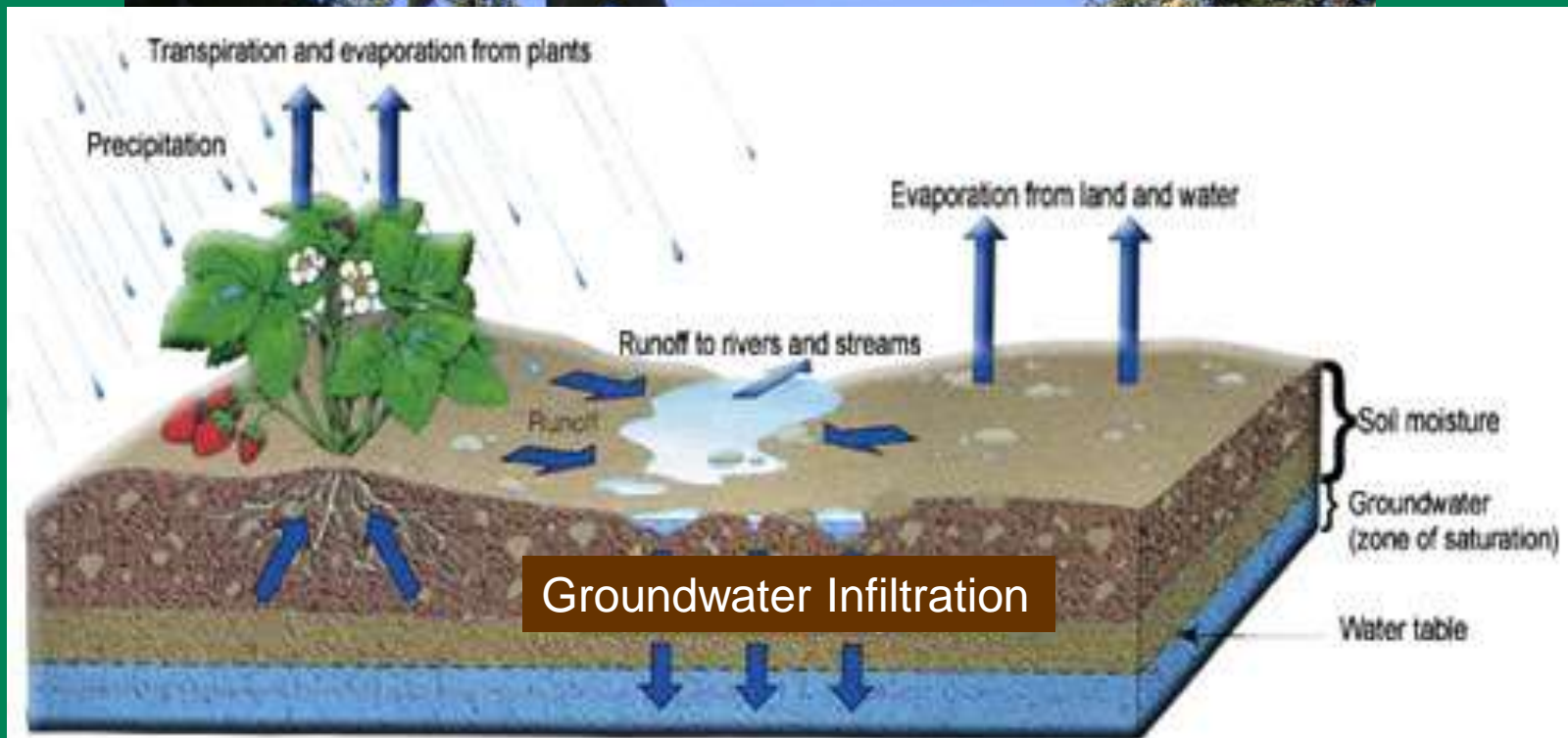
Invested in

Green Solution Project





Plants + Soil = Clean Water & Water Supplies



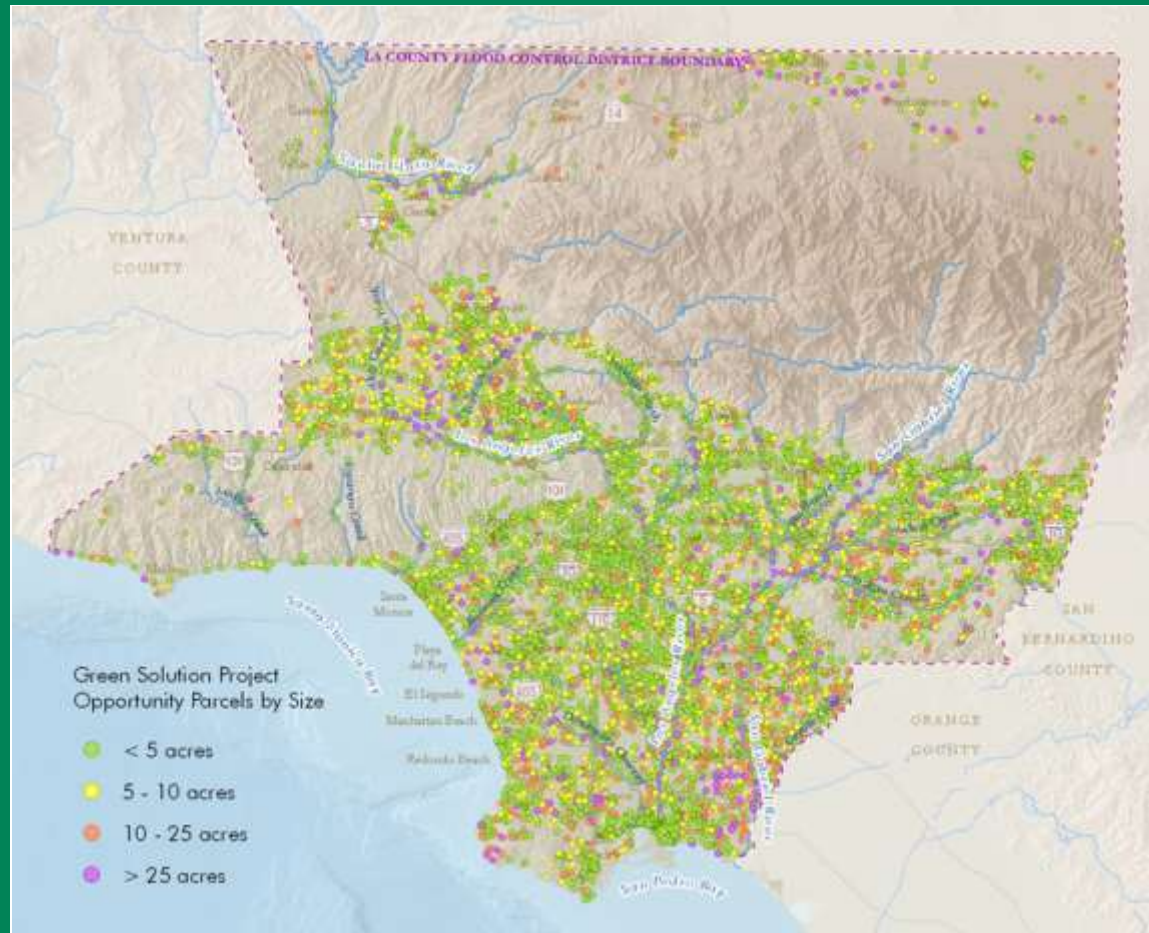
Where?

&

In What Order?



Using Public Lands





CCS Team Technical Analysis

Evaluated All Public Lands in L.A. County
for Green Solution Potential





CCS Team Technical Analysis

Public Land Uses Suitable for Green

- ◆ Element
- ◆ Senior a
- ◆ College
- ◆ Develop
- ◆ Undeve
- ◆ Regiona
- ◆ Vacant
- ◆ Commer

Initial Land Use List

Abandoned Orchards and Vineyards
Airports
Attended Pay Public Parking Facilities
Base (Built-up Area)
Beach Parks
Beaches (Vacant)
Bus Terminals and Yards
Cemeteries
Chemical Processing
Colleges and Universities
Commercial Recreation
Commercial Storage
Communication Facilities
Correctional Facilities
Developed Local Parks and Recreation
Developed Regional Parks and Recreation
Duplexes, Triplexes and 2-or 3-Unit Condominiums and Townhouses
Electrical Power Facilities
Elementary Schools
Fire Stations
Freeways and Major Roads
Golf Courses
Government Offices
Harbor Facilities
Harbor Water Facilities
High-Density Single Family Residential
High-Rise Apartments and Condominiums
High-Rise Major Office Use
Horse Ranches
Hotels and Motels
Improved Flood Waterways and Structures
Irrigated Cropland and Improved Pasture Land
Junior or Intermediate High Schools
Liquid Waste Disposal Facilities
Low- and Medium-Rise Major Office Use
Low-Density Single Family Residential
Low-Rise Apartments, Condominiums, and Townhouses

Buildings
Industrial



GREEN SOLUTION PROJECT

CCS Team Technical Analysis

Storm Drains: Carrying Runoff to Ocean

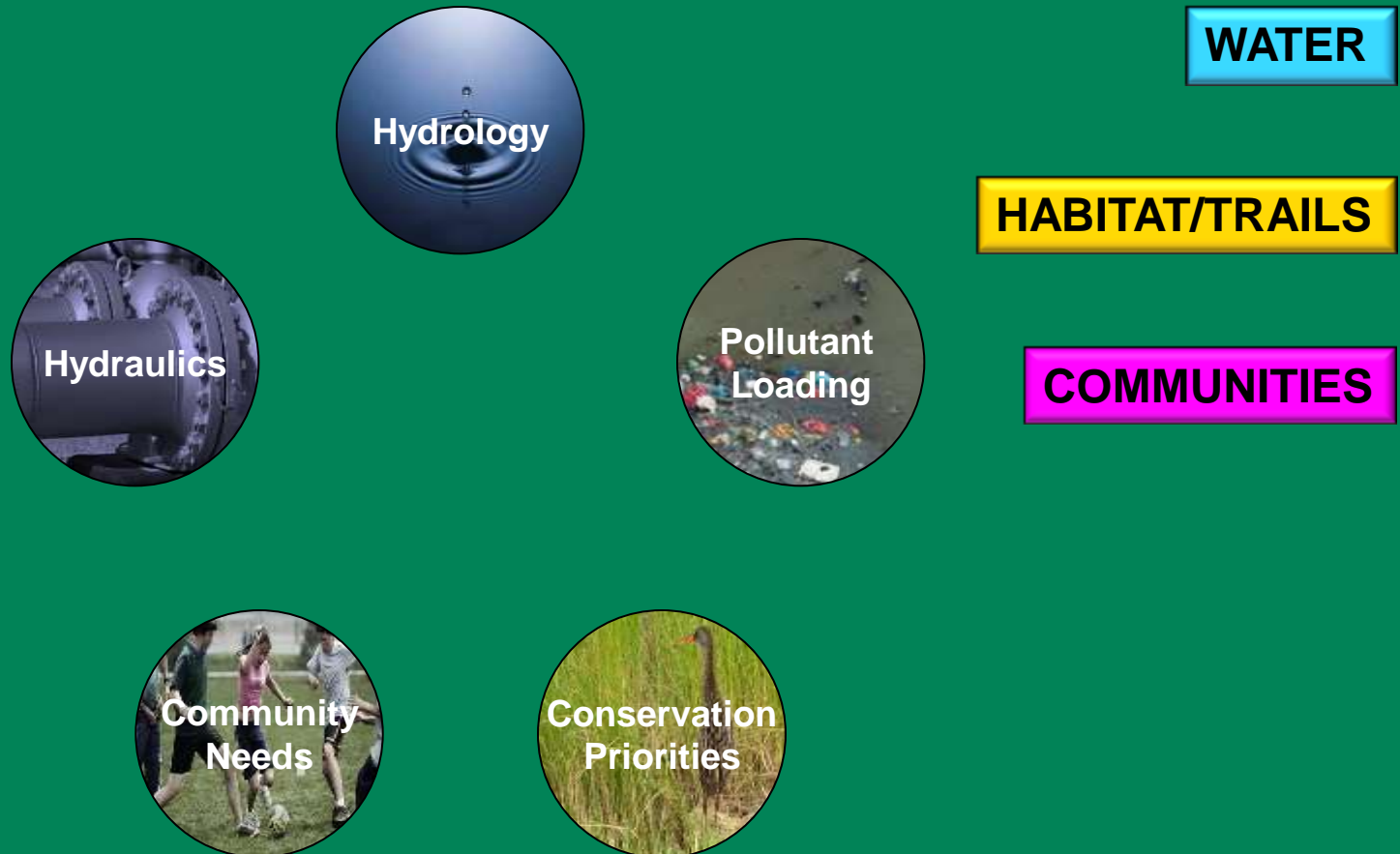




GREEN SOLUTION PROJECT

Green Solution

Quantify Multiple Benefit Factors

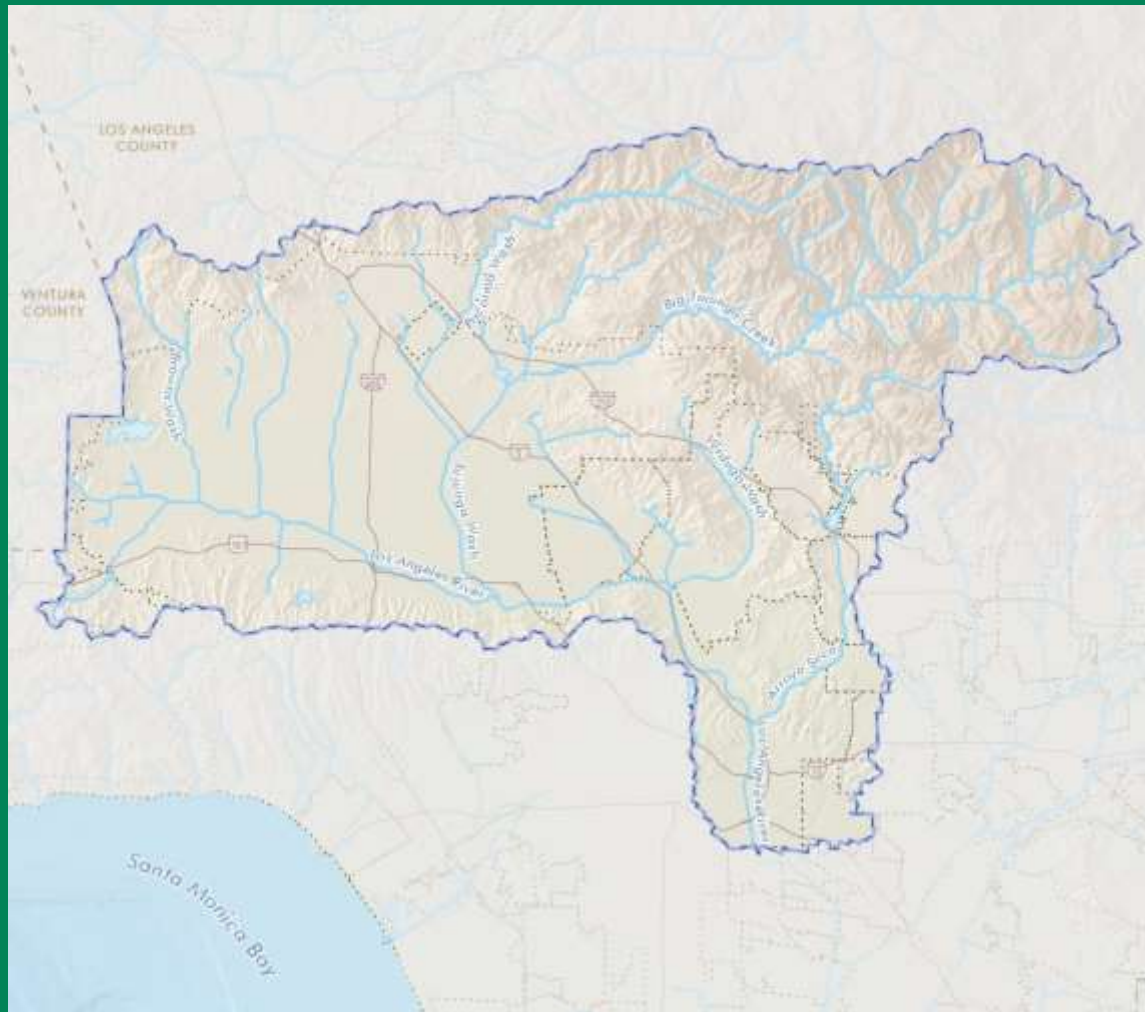




GREEN SOLUTION PROJECT

Green Solution Project Analysis

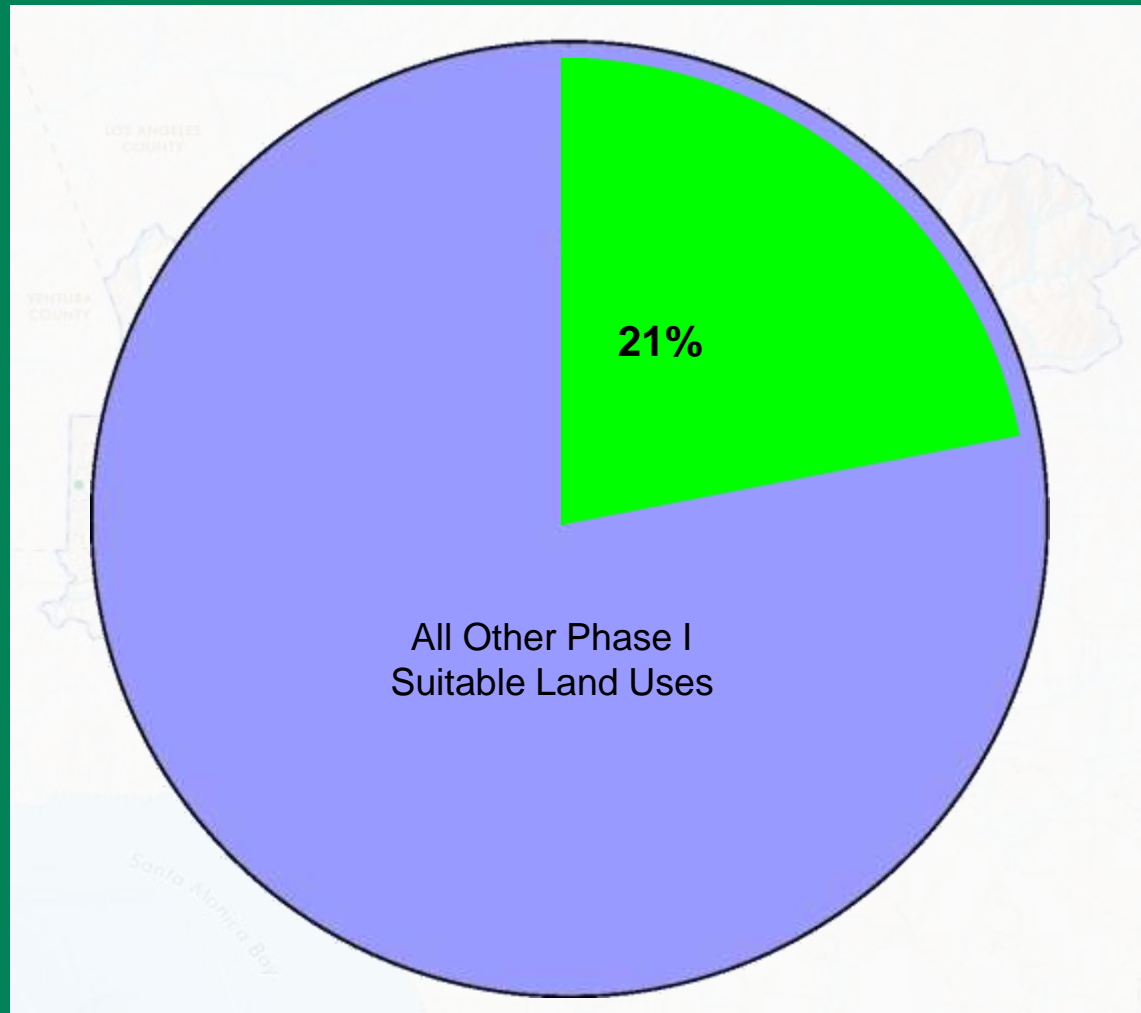
Upper L.A. River Watershed, Phase I





CCS Team Technical Analysis

Public Parcels



Phase II

Four target land uses

Elementary Schools
Middle & High Schools
Vacant
Colleges



GREEN SOLUTION PROJECT

Green Solution

Integrate **Multiple Benefit Factors**



WATER

HABITAT/TRAILS

COMMUNITIES

Decision-Making Tool:

Project

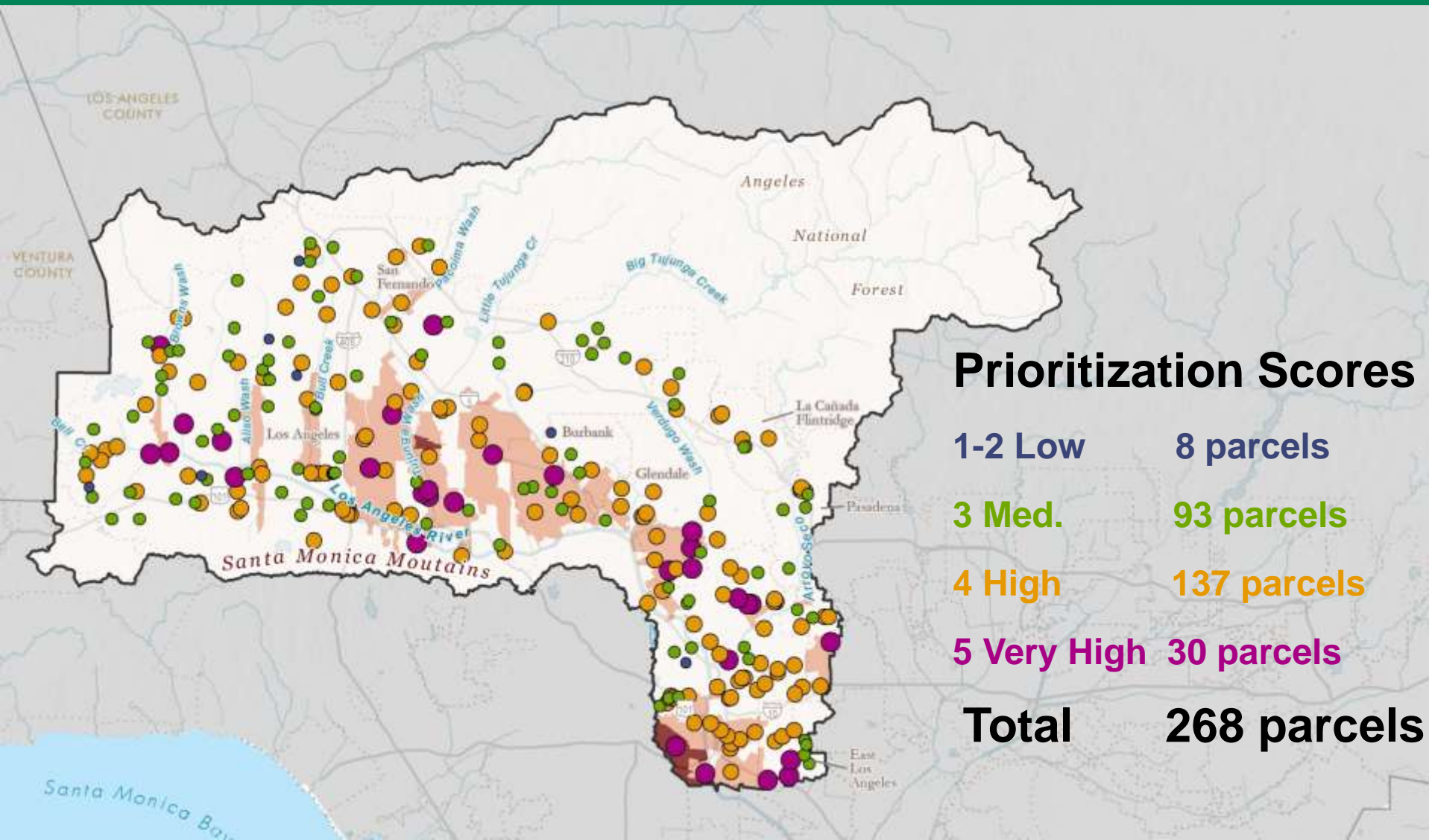
Implementation

“ROAD MAP”



CCS Team Technical Analysis

Public Parcels





Green Solution Findings

Upper L.A. River Watershed

SUMMARY of PRIORITIZED PARCELS

268 Potential Projects on Public Lands

Create 1,000 acres of New “Smart” Green Space

Runoff Treated from 20 square miles

**Potential for up to 47,000 Acre-feet of
New Water Supplies**



GREEN SOLUTION PROJECT

Green Solution, Phase IV: Upper LA River Watershed

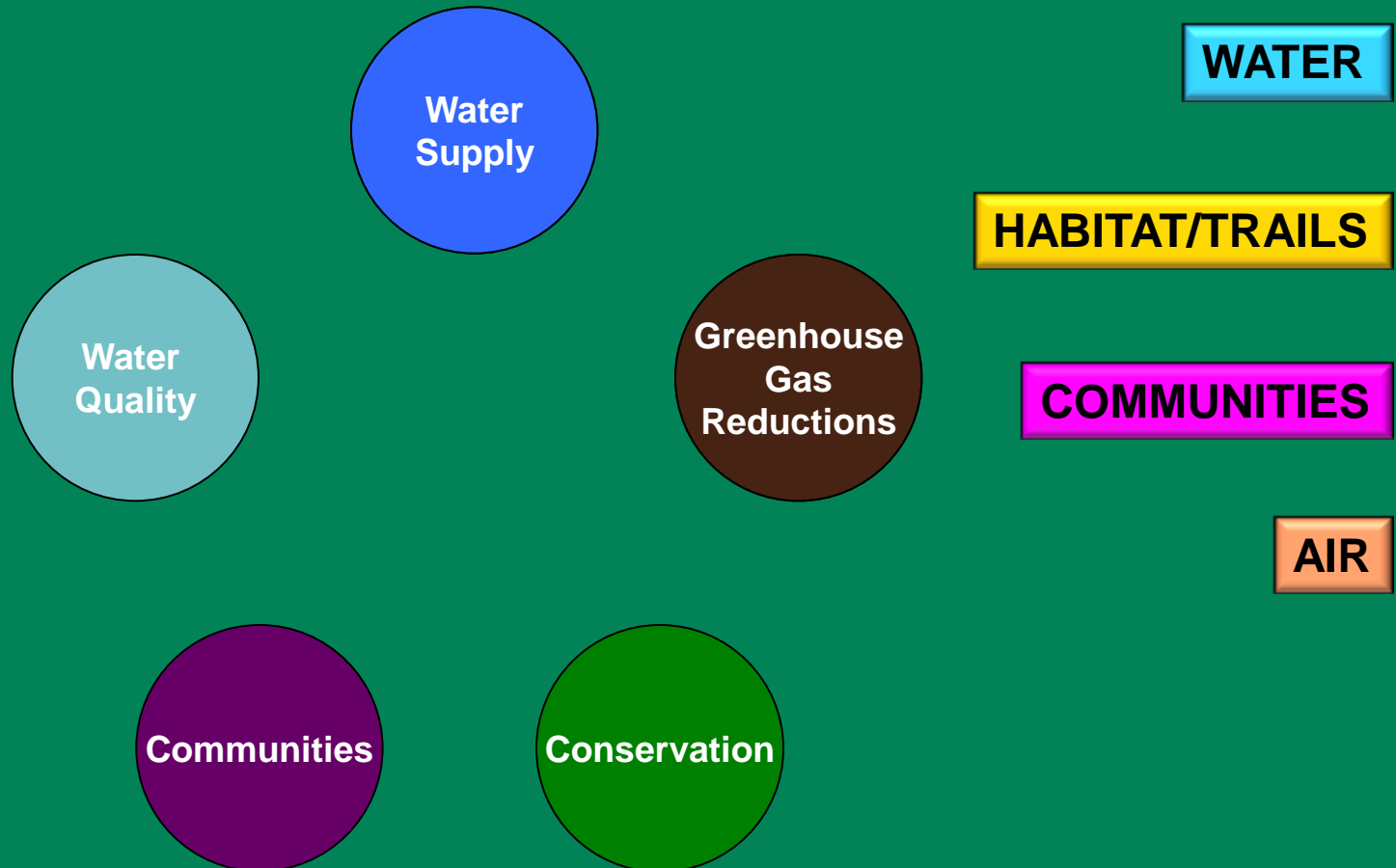
Add 200 Park Parcels





Green Solution, Phase IV: Upper LA River Watershed

Focus on Increasing Local Water Supplies





Green Solution, Phase IV: Upper LA River Watershed

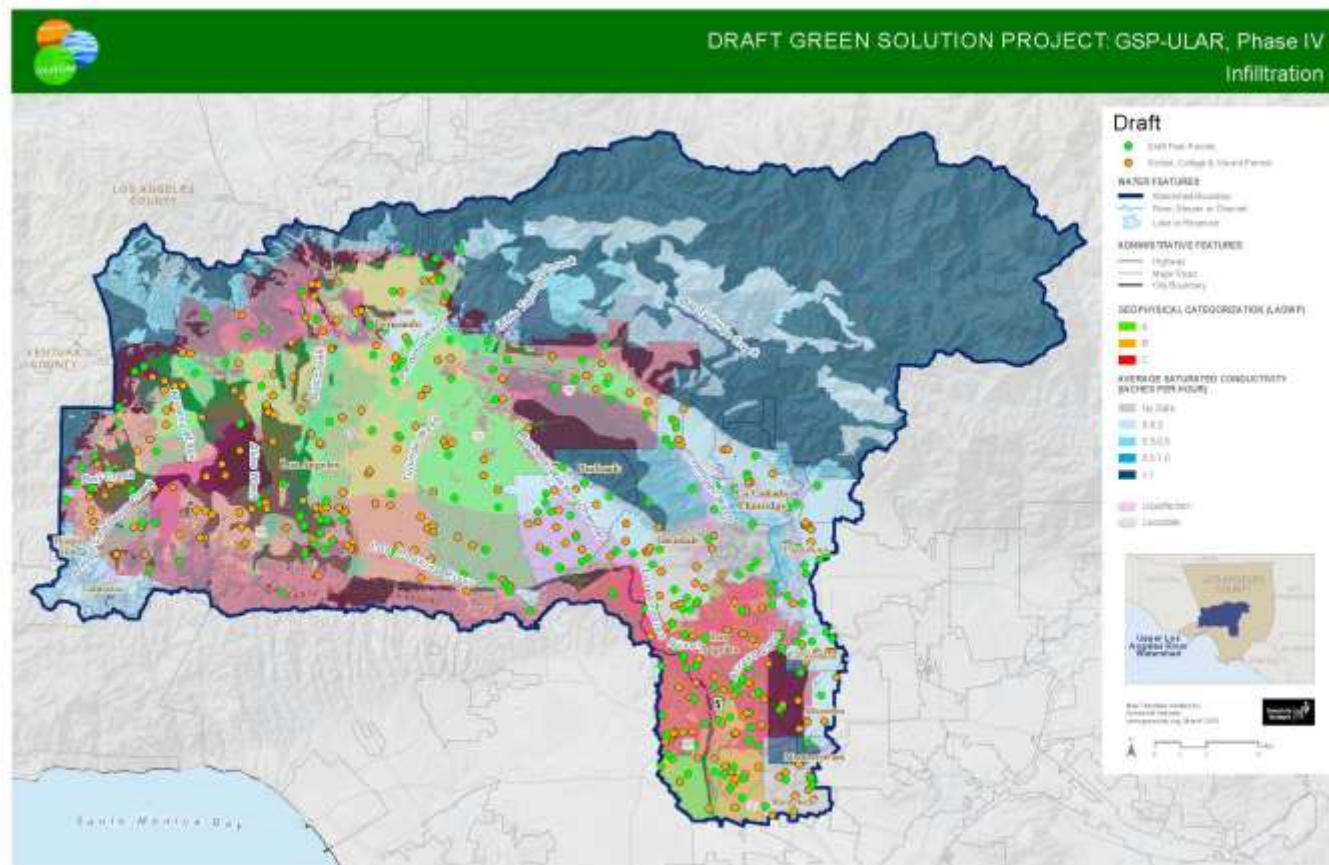
Prioritize eligibility for state & local funding





Green Solution, Phase IV: Upper LA River Watershed

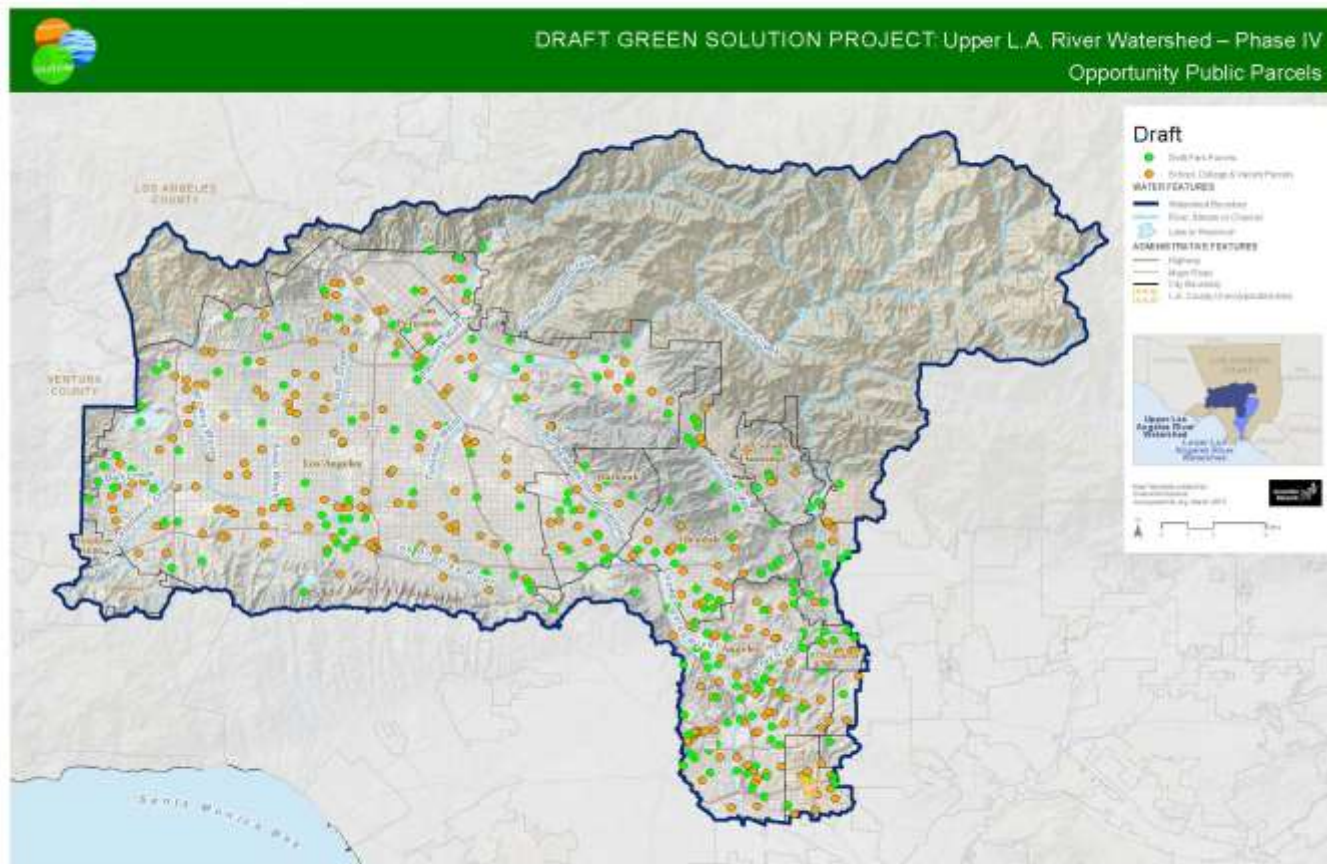
Groundwater Infiltration Capacity





Green Solution, Phase IV: Upper LA River Watershed

500 Public Parcels Prioritized





GREEN SOLUTION PROJECT

Soil • Water • Plants • Engineering







*Solving Problems where
People and Nature Intersect*

For More Information:

www.conservationsolutions.org/greensolution.html

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